

Substitute for form 1449P/O

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Using as many sheets as necessary)

Sheet: 1 of: 24

## Complete if Known

Application Number	10/708,130
Filing Date	February 9, 2004
First Named Inventor	Pullen
Art Unit	2873
Examiner Name	Choi, William C.
Attorney Docket No.	H-412

## U.S. Patent Documents


Examiner Initials*	Cite No. *1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear
W.C.	A1	H1828	01/04/2000	Wong et al.	523/161
	A2	20050035941	02/17/2005	Albert et al.	345/107.
	A3	20040119681	06/24/2004	Albert et al.	345/107
	A4	20040027327	02/12/2004	LeCain et al.	345/107
	A5	20030222315	12/04/2003	Amundson et al.	257/366
	A6	20030214695	11/20/2003	Abramson et al.	359/265.
	A7	20030151702	08/14/2003	Morrison et al.	349/25.
	A8	20030137521	07/24/2003	Zehner et al.	345/589
	A9	20030132908	07/17/2003	Herb et al.	345/107.
	A10	20030102858	06/05/2003	Jacobson et al.	324/158.1
	A11	20030020844	01/30/2003	Albert et al.	349/33
	A12	20030011560	01/16/2003	Albert et al.	345/107.
	A13	20020180687	12/05/2002	Webber	345/107.
	A14	20020130832	09/19/2002	Baucom et al.	345/107.
	A15	20020113770	08/22/2002	Jacobson et al.	345/107.
	A16	20020090980	07/11/2002	Wilcox et al.	455/566
	A17	20020063661	05/30/2002	Comiskey et al.	345/55.
	A18	20020060321	05/23/2002	Kazlas et al.	257/66
	A19	6870661	03/22/2005	Pullen et al.	359/296
	A20	6866760	03/15/2005	Paolini, Jr. et al.	204/478
	A21	6865010	03/08/2005	Duthaler et al.	359/296
	A22	6864875	03/08/2005	Drzaic et a.	345/107
	A23	6842657	01/11/2005	Drzaic et al.	700/120
	A24	6842167	01/11/2005	Albert et al.	345/107.
	A25	6839158	01/04/2005	Albert et al.	359/296
	A26	6831769	12/14/2004	Holman et al.	359/296
	A27	6825970	11/30/2004	Goenaga et al.	359/296
	A28	6825829	11/30/2004	Albert et al.	345/107
✓	A29	6825068	11/30/2004	Denis et al.	438/449
✓	A30	6822782	11/23/2004	Honeyman et al.	359/296

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
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U.S. Patent Documents					
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W.C.	A31	6819471	11/16/2004	Amundson et al.	359/296
	A32	6816147	11/09/2004	Albert	345/107
	A33	6788449	09/07/2004	Liang et al.	359/296
	A34	6753999	06/22/2004	Zehner et al.	359/296
	A35	6727881	04/27/2004	Albert et al.	345/107
	A36	6724519	04/20/2004	Comiskey et al.	359/296
	A37	6721083	04/13/2004	Jacobson et al.	359/296
	A38	6710540	03/23/2004	Albert et al.	313/498
	A39	6704133	03/09/2004	Gates et al.	359/296
	A40	6693620	02/17/2004	Herb et al.	345/107
	A41	6683333	01/27/2004	Kazlas et al.	257/197
	A42	6680725	01/20/2004	Jacobson	345/107
	A43	6672921	01/06/2004	Liang et al.	445/24
	A44	6664944	12/16/2003	Albert et al.	345/107
	A45	6657772	12/02/2003	Loxley	359/296
	A46	6639578	10/28/2003	Comiskey et al.	345/107
	A47	6580545	06/17/2003	Morrison et al.	359/265
	A48	6545291	04/08/2003	Amundson et al.	257/40
	A49	6538801	03/25/2003	Jacobson et al.	359/296
	A50	6535197	03/18/2003	Comiskey et al.	345/107
	A51	6531997	03/11/2003	Gates et al.	345/107
	A52	6521489	02/18/2003	Duthaler et al.	438/149
	A53	6518949	02/11/2003	Drzaic	345/107
	A54	6515649	02/04/2003	Albert et al.	345/107
	A55	6512354	01/28/2003	Jacobson et al.	324/71.1
	A56	6506438	01/14/2003	Duthaler et al.	427/58
	A57	6504524	01/07/2003	Gates et al.	345/107
	A58	6498114	12/24/2002	Amundson et al.	438/780
	A59	6480182	11/12/2002	Turner et al.	345/107
W	A60	6473072	10/29/2002	Comiskey et al.	345/173

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C.C.	A61	6459418	10/01/2002	Comiskey et al.	345/107
	A62	6445489	09/03/2002	Jacobson et al.	359/296
	A63	6445374	09/03/2002	Albert et al.	345/107
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	A65	6413790	07/02/2002	Duthaler et al.	438/21
	A66	6398858	06/04/2002	Yu et al.	106/31.64
	A67	6392786	05/21/2002	Albert	359/296
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	A69	6377387	04/23/2002	Duthaler et al.	359/296
	A70	6376828	04/23/2002	Comiskey	250/216
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	A72	6323989	11/27/2001	Jacobson et al.	359/296
	A73	6312971	11/06/2001	Amundson et al.	438/99
	A74	6312304	11/06/2001	Duthaler et al.	711/141
	A75	6301038	10/09/2001	Fitzmaurice et al.	359/265
	A76	6300932	10/09/2001	Albert	345/107
	A77	6271823	08/07/2001	Gordon, II et al.	345/107
	A78	6262833	07/17/2001	Loxley et al.	359/296
	A79	6262706	07/17/2001	Albert et al.	345/107
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	A82	6241921	06/05/2001	Jacobson et al.	264/1.36
	A83	6235829	05/22/2001	Kwan	524/495
	A84	6232950	05/15/2001	Albert et al.	345/107
	A85	6225971	05/01/2001	Gordon, II et al.	345/107.
	A86	6221143	04/24/2001	Palumbo	106/31.6
	A87	6215920	04/10/2001	Whitehead et al.	385/18
	A88	6197883	03/06/2001	Schimmel et al.	525/111
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✓	A90	6184856	02/06/2001	Gordon, II et al.	345/107

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W.C.	A91	6177921	01/23/2001	Comiskey et al.	345/107
	A92	6172798	01/09/2001	Albert et al.	359/296
	A93	6162882	12/19/2000	Matyjaszewski et al.	526/111
	A94	6153705	11/28/2000	Coupart et al.	525/244
	A95	6147791	11/14/2000	Sheridon	359/296
	A96	6144361	11/07/2000	Gordon, II et al.	345/107
	A97	6137467	10/24/2000	Sheridon et al.	345/107
	A98	6137012	10/24/2000	Fagan et al.	568/12
	A99	6130774	10/10/2000	Albert et al.	359/296
	A100	6130773	10/10/2000	Jacobson et al.	359/296
	A101	6128124	10/03/2000	Silverman	359/296
	A102	6124851	09/26/2000	Jacobson	345/206
	A103	6124411	09/26/2000	Matyjaszewski et al.	526/111
	A104	6121371	09/19/2000	Matyjaszewski et al.	524/804
	A105	6120839	09/19/2000	Comiskey et al.	427/213.3
	A106	6120588	09/19/2000	Jacobson	106/31.16
	A107	6118426	09/12/2000	Albert et al.	345/107
	A108	6117368	09/12/2000	Hou	252/572
	A109	6113810	09/05/2000	Hou et al.	252/572
	A110	6111022	08/29/2000	Matyjaszewski et al.	525/238
	A111	6103380	8/15/00	Devonport	428/403
	A112	6097531	08/01/2000	Sheridon	359/296
	A113	6091382	7/18/00	Shioya et al.	345/76
	A114	6071980	06/06/2000	Guan et al.	522/66
	A115	6069205	05/30/2000	Wang	525/242
	A116	6068688	05/30/2000	Whitehouse et al.	106/31.65
	A117	6067185	05/23/2000	Albert et al.	359/296
	A118	6064784	05/16/2000	Whitehead et al.	385/16
	A119	6055180	04/25/2000	Gudesen et al.	365/175
✓	A120	6055091	04/25/2000	Sheridon et al.	359/296

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Sheet: 5 of 24			

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Examiner Initials*	Cite No. *1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear
W.C.	A121	6054071	04/25/2000	Mikkelsen, Jr.	264/1.36
	A122	6025896	02/15/2000	Hattori et al.	349/86
	A123	6017584	01/25/2000	Albert et al.	422/213.3
	A124	5986015	11/16/1999	Midha et al.	525/370
	A125	5968243	10/19/99	Belmont et al.	106/31.65
	A126	5964935	10/12/99	Chen et al.	106/401
	A127	5961804	10/05/1999	Jacobson et al.	204/606
	A128	5958999	09/28/1999	Bates et al.	523/161
	A129	5945491	08/31/1999	Matyjaszewski et al.	526/111
	A130	5932633	8/3/99	Chen et al.	523/205
	A131	5930026	07/27/1999	Jacobson et al.	359/296
	A132	5922118	7/13/99	Johnson et al.	106/31.6
	A133	5914806	6/22/99	Gordon, II et al.	359/296
	A134	5900858	5/4/99	Richley	345/107
	A135	5895522	4/20/99	Belmont et al.	106/31.6
	A136	5885335	3/23/99	Adams et al.	106/31.6
	A137	5872552	02/16/1999	Gordon, II et al.	345/107
	A138	5851280	12/22/98	Belmont et al.	106/472
	A139	5843259	12/1/98	Narang et al.	156/151
	A140	5837045	11/17/98	Johnson et al.	106/31.85
	A141	5828432	10/27/98	Shashidhar et al.	349/139
	A142	5825529	10/20/98	Crowley	359/296
	A143	5808783	09/15/1998	Crowley	359/296
	A144	5807937	09/15/1998	Matyjaszewski et al.	526/135
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	A146	5789487	08/04/1998	Matyjaszewski et al.	525/301
	A147	5783614	7/21/98	Chen et al.	525/305
	A148	5777782	07/07/1998	Sheridon	359/296
	A149	5767826	06/16/1998	Sheridon et al.	345/84
✓	A150	5763548	06/09/1998	Matyjaszewski et al.	526/135

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C.C.	A151	5760761	06/02/1998	Sheridon	345/107
	A152	5759671	6/2/98	Tanaka et al.	428/166
	A153	5754332	05/19/1998	Crowley	359/296
	A154	5753763	5/19/98	Rao et al.	525/276
	A155	5751268	05/12/1998	Sheridon	345/107
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	A157	5745094	04/28/1998	Gordon, II et al.	345/107
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	A161	5737115	04/07/1998	Mackinlay et al.	359/296
	A162	5729632	03/17/1998	Tai	282/237
	A163	5725935	3/10/98	Rajan	428/195.1
	A164	5717515	02/10/1998	Sheridon	359/296
	A165	5717514	02/10/1998	Sheridon	359/296
	A166	5717283	02/10/1998	Biegelsen et al.	313/483
	A167	5716550	2/10/98	Gardner et al.	252/500
	A168	5715511	2/3/98	Aslam et al.	399/320
✓	A169	5714993	2/3/98	Keoshkerian et al.	347/95
	A170	5714270	2/3/98	Malhotra et al.	428/32.11
	A171	5713988	2/3/98	Belmont et al.	106/31.6
	A172	5709976	1/20/98	Malhotra	428/32.11
	A173	5708525	01/13/1998	Sheridon	359/296
	A174	5707747	01/13/1998	Tomiyama et al.	428/457
	A175	5707738	01/13/1998	Hou	428/402
	A176	5707432	1/13/98	Adams et al.	106/31.6
	A177	5698016	12/16/97	Adams et al.	106/31.6
	A178	5694224	12/2/97	Tai	358/3.01
	A179	5693442	12/2/97	Weiss et al.	430/66
	A180	5691098	11/25/97	Busman et al.	430/158

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W.C.	A181	5689282	11/18/1997	Wolfs et al.	345/100
	A182	5676884	10/14/97	Tiers et al.	252/582
	A183	5673148	09/30/1997	Morris et al.	359/536
	A184	5672381	9/30/97	Rajan	427/198
	A185	5672198	9/30/97	Belmont	106/31.75
	A186	5663224	9/2/97	Emmons et al.	524/188
	A187	5654367	08/05/1997	Takimoto et al.	525/178
	A188	5650872	07/22/1997	Saxe et al.	359/296
	A189	5643673	07/01/1997	Hou	428/402.24
	A190	5639914	06/17/1997	Tomiyama et al.	564/309
	A191	5638103	6/10/97	Obata et al.	347/164
	A192	5635317	6/3/97	Taniguchi et al.	430/7
	A193	5627561	05/06/1997	Laspina et al.	345/107
	A194	5614340	3/25/97	Bugner et al.	430/41
	A195	5610455	3/11/97	Allen et al.	307/400
	A196	5604070	2/18/97	Rao et al.	430/108.22
	A197	5604027	02/18/1997	Sheridon	428/323
	A198	5597889	1/28/97	Takimoto et al.	427/58
	A199	5582700	12/10/1996	Bryning et al.	204/450
	A200	5575845	11/19/96	Belmont et al.	106/712
	A201	5573711	11/12/1996	Hou et al.	252/572
	A202	5571311	11/5/96	Belmont et al.	106/31.28
	A203	5565885	10/15/96	Tamanoi	345/100
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	A205	5556583	9/17/96	Tashiro et al.	264/4.1
	A206	5554739	9/10/96	Belmont	534/885
	A207	5552679	9/3/96	Murasko	315/169.3
	A208	5545504	8/13/96	Keoshkerian et al.	430/137.17
	A209	5543219	8/6/96	Elwakil	428/402.24
	A210	5512162	04/30/1996	Sachs et al.	205/91

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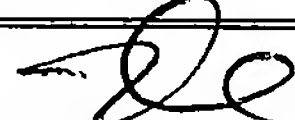
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SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Using as many sheets as necessary)		Application Number	10/708,130
		Filing Date	February 9, 2004
		First Named Inventor	Pullen
		Art Unit	2873
		Examiner Name	Choi, William C.
		Attorney Docket No.	H-412
Sheet: 8 of 24			

U.S. Patent Documents					
Examiner Initials*	Cite No. *1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear
W.C.	A211	5508068	04/16/1996	Nakano	427/553
	A212	5498674	03/12/1996	Hou et al.	525/369
	A213	5467217	11/14/95	Check III	359/296
	A214	5467107	11/14/1995	DiSanto et al.	345/107
	A215	5463492	10/31/1995	Check III	359/296
	A216	5421926	6/6/95	Yukinobu et al.	156/83
	A217	5411656	05/02/1995	Schubert	345/107
	A218	5411398	05/02/1995	Nakanishi et al.	434/409
	A219	5403518	04/04/1995	Schubert	252/572
	A220	5402145	3/28/95	DiSanto et al.	345/107
	A221	5389945	02/14/1995	Sheridon	345/85
	A222	5383008	01/17/1995	Sheridon	398/156
	A223	5380362	01/10/1995	Schubert	106/493
	A224	5360689	11/01/1994	Hou et al.	430/34
	A225	5359346	10/25/1994	DiSanto et al.	345/107
	A226	5344594	09/06/1994	Sheridon	264/4.1
	A227	5315312	05/24/1994	DiSanto et al.	345/107
	A228	5304439	4/19/94	DiSanto et al.	430/20
	A229	5303073	4/12/94	Shirota et al.	349/74
	A230	5302235	04/12/1994	DiSanto et al.	216/5
	A231	5298833	03/29/1994	Hou	313/483
	A232	5296974	3/22/94	Tada et al.	359/885
	A233	5293528	03/08/1994	DiSanto et al.	345/107
	A234	5281261	1/25/94	Lin	106/31.65
	A235	5279773	1/18/94	Saxe	252/58.5
	A236	5279694	1/18/94	DiSanto et al.	156/275.5
	A237	5279511	01/18/1994	DiSanto et al.	445/24
	A238	5276438	01/04/1994	DiSanto et al.	345/107
	A239	5270843	12/14/1993	Wang	349/20
✓	A240	5268448	12/7/93	Buechner et al.	528/380

Examiner Signature		Date Considered	6/10/05.
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Sheet: 9 of 24			

U.S. Patent Documents					
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L.C.	A241	5266937	11/30/1993	DiSanto et al.	345/107
	A242	5262098	11/16/1993	Crowley et al.	264/8
	A243	5254981	10/19/1993	DiSanto et al.	345/197
	A244	5250938	10/5/93	DiSanto et al.	345/107
	A245	5250932	10/05/1993	Yoshimoto et al.	349/53
	A246	5247290	09/21/1993	DiSanto et al.	345/107
	A247	5223823	6/29/93	DiSanto et al.	345/107.
	A248	5223115	06/29/1993	DiSanto et al.	359/238
	A249	5216416	06/01/1993	DiSanto et al.	345/107
	A250	5213983	5/25/93	Gustafsson et al.	438/82
	A251	5204424	4/20/93	Roncali et al.	526/256
	A252	5187609	02/16/1993	DiSanto et al.	359/296
	A253	5185226	2/9/93	Grosso et al.	430/47
	A254	5177476	1/5/93	DiSanto et al.	345/107
	A255	5174882	12/29/1992	DiSanto et al.	359/238
	A256	5151032	09/29/1992	Igawa	434/409.
	A257	5149826	9/22/92	Delabouglice et al.	548/518
	A258	5138472	08/11/1992	Jones et al.	349/166
	A259	5132049	7/21/92	Garreau et al.	252/500
	A260	5128785	7/7/92	Yoshimoto et al.	349/53
	A261	5119218	6/2/92	Yoshimoto et al.	349/41
	A262	5105185	04/14/1992	Nakanowatari et al.	345/94
	A263	5082351	01/21/1992	Ferguson	349/86
	A264	5077157	12/31/1991	DiSanto et al.	430/20
	A265	5070326	12/3/91	Yoshimoto et al.	349/53
	A266	5066946	11/19/1991	DiSanto et al.	345/107
	A267	5066559	11/19/91	Elmasry et al.	436/115
	A268	5066105	11/19/91	Yoshimoto et al.	349/53
	A269	5059694	10/22/91	Delabouglice et al.	548/518
✓	A270	5057363	10/15/1991	Nakanishi	482/321.5

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Sheet: 10 of 24	Attorney Docket No.	H-412	

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W.C.	A271	5053763	10/01/1991	DiSanto et al.	345/107
	A272	5041824	8/20/91	DiSanto et al.	345/107
	A273	5017225	05/21/1991	Nakanishi et al.	106/31.21
	A274	5009490	4/23/91	Kuono et al.	349/25
	A275	4985329	1/15/91	El-Sayed et al.	430/115
	A276	4947219	8/7/90	Boehm	257/471
	A277	4946509	8/7/90	Schwartz et al.	106/496
	A278	4931019	6/5/90	Park	434/409
	A279	4919521	4/24/90	Tada et al.	359/296
	A280	4909959	3/20/90	Lemaire et al.	252/500
	A281	4902570	2/20/90	Heinemann et al.	428/405
	A282	4892607	01/09/1990	DiSanto et al.	156/275.7
	A283	4891245	1/2/90	Micale	427/213.3
	A284	4889603	12/26/89	DiSanto et al.	95/39
	A285	4888309	12/19/1989	Araya	501/80
	A286	4877698	10/31/89	Watson et al.	430/45
	A287	4846893	7/11/89	Akasaki et al.	106/500
	A288	4833464	05/23/1989	DiSanto et al.	345/107
	A289	4832458	05/23/1989	Ferguson et al.	349/56
	A290	4824208	04/25/1989	Ferguson et al.	359/601
	A291	4810305	3/7/89	Braun et al.	106/499
	A292	4776675	10/11/1988	Takaochi et al.	349/106
	A293	4772103	09/20/1988	Saxe	359/296
	A294	4772102	09/20/1988	Ferguson et al.	349/86
	A295	4748366	5/31/88	Taylor	316/328
	A296	4746917	05/24/1988	DiSanto et al.	345/107
	A297	4742345	5/3/88	DiSanto et al.	345/107
	A298	4732830	3/22/88	DiSanto et al.	430/20
	A299	4726662	02/23/1988	Cromack	349/57
	A300	4707080	11/17/1987	Ferguson	349/89

Examiner Signature		Date Considered	6/10/05.
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		Examiner Name	Choi, William C.
		Attorney Docket No.	H-412
Sheet: 11 of 24			

U.S. Patent Documents					
Examiner Initials*	Cite No. *1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear
W.C.	A301	4690749	9/1/87	Van Alstine et al.	204/454
	A302	4680103	7/14/87	Beilin et al.	359/296
	A303	4665107	5/12/87	Micale	523/105
	A304	4661408	4/28/87	Lau et al.	428/405
	A305	4655897	4/7/87	DiSanto et al.	359/296
	A306	4648956	3/10/87	Marshall et al.	359/296
	A307	4643528	02/17/1987	Bell, Jr.	349/166
	A308	4639403	01/27/1987	Podszun et al.	436/115
	A309	4620916	11/04/1986	Zwemer et al.	359/296
	A310	4594271	6/10/86	Scholten et al.	427/221
	A311	4543306	9/24/85	Dubois et al.	429/337
	A312	4530961	7/23/85	Nguyen et al.	524/832
	A313	4522472	6/11/85	Liebert et al.	359/296
	A314	4502934	03/05/1985	Gazard et al.	204/242
	A315	4476210	10/9/84	Croucher et al.	430/114
	A316	4450440	05/22/1984	White	345/35
	A317	4438160	03/20/1984	Ishikawa et al.	427/214
	A318	4419663	12/06/1983	Kohashi	345/107
	A319	4419383	12/06/1983	Lee	427/550
	A320	4418346	11/29/1983	Batchelder	345/107
	A321	4390403	06/28/1983	Batchelder	204/547
	A322	4368952	01/18/1983	Murata et al.	359/296
	A323	4324456	04/13/1982	Dalisa	359/296
	A324	4314013	2/2/82	Chang	430/37
	A325	4311361	01/19/1982	Somlyody	359/296
	A326	4305807	12/15/1981	Somlyody	349/166
	A327	4298448	11/03/1981	Muller et al.	359/296
	A328	4285801	8/25/81	Chiang	252/570
	A329	4273672	6/16/81	Vassiliades	264/4.1
	A330	4273422	6/16/81	Saxe	359/296

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		Art Unit	2873
		Examiner Name	Choi, William C.
		Attorney Docket No.	H-412
Sheet: 12	of: 24		

U.S. Patent Documents					
Examiner Initials*	Cite No. *1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear
	A331	4272596	06/09/1981	Harbour et al.	430/37
	A332	4261653	04/14/1981	Goodrich	359/296
	A333	4231641	11/04/1980	Randin	359/274
	A334	4218302	8/19/80	Dalisa et al.	359/296
	A335	4211668	7/8/80	Tate	428/402.2
	A336	4203106	5/13/80	Dalisa et al.	345/107
	A337	4166800	9/4/79	Fong	427/212
	A338	4164365	8/14/79	Saxe	359/296
	A339	4149149	4/10/79	Miki et al.	345/38
	A340	4143472	03/13/1979	Murata et al.	434/409
	A341	4143103	03/06/1979	Sheridon	264/4
	A342	4126854	11/21/1978	Sheridon	345/107
	A343	4126528	11/21/1978	Chiang	359/296
	A344	4123346	10/31/78	Ploix	359/271
	A345	4113362	9/12/78	Saxe et al.	359/296
	A346	4093534	06/06/1978	Carter et al.	359/296
	A347	4088395	05/09/1978	Giglia	359/269
	A348	4071430	1/31/78	Liebert	359/241
	A349	4068927	1/17/78	White	359/296
	A350	4062009	12/06/1977	Raverdy et al.	345/48
	A351	4045327	8/30/77	Noma et al.	359/237
	A352	4041481	08/09/1977	Sato	345/107
	A353	4001140	1/4/77	Foris et al.	427/213.34
	A354	3892568	07/01/1975	Ota	430/19
	A355	3870517	03/11/1975	Ota et al.	430/38
	A356	3850627	11/74	Wells et al.	430/34
	A357	3806893	4/74	Ohnishi et al.	365/153
	A358	3792308	02/12/1974	Ota	315/150
	A359	3772013	11/13/1973	Wells	430/34
	A360	3767392	10/23/1973	Ota	430/35

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		Art Unit	2873
		Examiner Name	Choi, William C.
		Attorney Docket No.	H-412
Sheet:	13	of:	24

**(Using as many sheets as necessary)**

Sheet: 13 of: 24

**Complete if Known**

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First Named Inventor	Pullen
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Attorney Docket No.	H-412

[illegible]

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Sheet: 14 of: 24			

Foreign Patent Documents						
Examiner Initials*	Cite No. *1	Document Number Country Code - Number - Kind Code (if known)	Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear	T <sup>2</sup>
W.C.	B1	DE 195 00 694	08/08/1996	Hauck, Martin		
W.C.	B2	EP 1 145 072B1	05/07/2003	E Ink Corporation		
	B3	EP 0 443 571A2	8/28/91	Ube		
	B4	EP 0 404 545A2	12/27/1990	Japan Synthetic Rubber		
	B5	EP 0 281 204A2	9/7/88	H-305		
	B6	GB 2 306 229A	4/30/97	IBM		
	B7	GB 1,465,701	3/2/77	Plessey		
	B8	GB 1,314,906	04/26/1973	Matsushita		
	B9	JP 64-86116	3/30/89	Nippon Mektron		
	B10	JP 64-086118	03/30/1989	Nippon Sheet Glass		
	B11	JP 63-008637A	1/14/88	Ricoh		
	B12	JP 62-299824A	12/26/87	Ricoh		
	B13	JP 62-269124A	11/21/87	Ricoh		
	B14	JP 62-231930A	10/12/87	Stanley Electric		
	B15	JP 62-183439A	8/11/87	Ricoh		
	B16	JP 62-058222A	3/13/87	Ricoh		
	B17	JP 60-189731A	9/27/85	Nippon Paint		
	B18	JP 59-165028A	9/18/84	Nippon Paint		
✓	B19	JP 59-098227A	6/6/84	Sharp		
✓	B20	JP 55-105227A	8/12/80	Seiko Epson		

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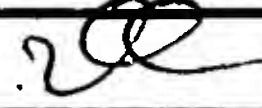
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Sheet: 15 of: 24	Attorney Docket No.	H-412	

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W.C.	B21	JP 55-096922A	7/23/80	Sharp		
↑	B22	JP 54-111368A	8/31/79	NEC		
	B23	JP 53-073098	6/29/78	Matsushita		
	B24	JP 51-130241A	11/12/76	Stanley Electric		
	B25	JP 2000-227612	8/15/00	Ricoh		
	B26	JP 2000-066248	3/3/00	Sony		
	B27	JP 10-161161A	6/19/98	Fuji Xerox		
	B28	JP 10-149118A	6/2/98	NOK		
	B29	JP 10-048673A	2/20/98	Fuji Xerox		
	B30	JP 09-230391A	9/5/97	Fujikura		
	B31	JP 09-185087A	7/13/97	NOK		
	B32	JP 09-006277A	1/10/97	NOK		
	B33	JP 08-234176A	9/13/96	Fuji Xerox		
	B34	JP 07-146660A	6/6/95	NOK		
	B35	JP 07-036020A	2/7/95	Toray		
	B36	JP 06-202168A	7/22/94	Nippon Mektron		
	B37	JP 06-089081A	3/29/94	Sony Tektronix		
	B38	JP 05-307197A	11/19/93	Nippon Mektron		
	B39	JP 05-173194A	7/13/93	Nippon Mektron		
✓	B40	JP 05-173193A	7/13/93	Dai Nippon		

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		First Named Inventor	Pullen
		Art Unit	2873
		Examiner Name	Choi, William C.
		Attorney Docket No.	H-412
Sheet: 16	of: 24		

Foreign Patent Documents						
Examiner Initials*	Cite No. *1	Document Number Country Code - Number - Kind Code (if known)	Publication Date	Name of Patentee or Applicant of Cited Document	Locations Where Relevant Passages or Figures Appear	T <sup>2</sup>
W-C	B41	JP 05-165064A	6/29/93	Nippon Mektron		
	B42	JP 05-061421A	3/12/93	Nippon Mektron		
	B43	JP 03-258866A	11/19/1991	Shin Etsu		
	B44	JP 02-284125A	11/21/90	Nippon Mektron		
	B45	JP 02-284124A	11/21/90	Nippon Mektron		
	B46	JP 02-223936A	9/6/90	Nippon Mektron		
	B47	JP 02-223935A	9/6/90	Nippon Mektron		
	B48	JP 02-223934A	9/6/90	Nippon Mektron		
	B49	JP 02-189525A	7/25/90	Hitachi		
	B50	JP 02-141730A	5/31/90	Hitachi		
	B51	JP 02-024633A	1/26/90	Motoyasu et al.		
	B52	JP 01-267525A	10/25/89	Toyota		
	B53	JP 01-248182A	10/3/89	Nippon Mektron		
	B54	JP 01-177517A	7/13/89	Kinseki		
	B55	JP 01-142537A	06/05/1989	Nippon Mektron		
	B56	JP 01-114829A	5/8/89	Nippon Mektron		
	B57	JP 01-086117A	3/30/89	Nippon Mektron		
	B58	PCT WO 99/51690	10/14/99	Cabot		
	B59	PCT WO 99/26419	5/27/99	Tangen et al.		
✓	B60	PCT WO 99/12170	3/11/99	Opticom		

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Sheet: 17 of: 24			

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W.C.	B61	PCT WO 95/33085	12/07/1995	Copytele		
W.C.	B62	PCT WO 82/02961	9/2/82	Patscentre Benelux		
W.C.	B63	PCT WO 03/107315	12/24/2003	E Ink Corporation		
W.C.	B64	PCT WO 02/21201	03/14/2002	Cabot		
W.C.	B65	PCT WO 01/92359	12/06/2001	Creavis		
W.C.	B66	PCT WO 01/27690	04/19/2001	University College Dublin		
W.C.	B67	PCT WO 01/07961	02/01/2001	E Ink Corporation		
W.C.	B68	PCT WO 00/67327	11/09/2000	E Ink Corporation		
W.C.	B69	PCT WO 00/67110	11/09/2000	E Ink Corporation		
W.C.	B70	PCT WO 00/38000	06/29/2000	E Ink Corporation		
W.C.	B71	PCT WO 00/36560	06/22/2000	E Ink Corporation		
W.C.	B72	PCT WO 00/22051	4/20/00	Cabot		
W.C.	B73	PCT WO 00/05704	02/03/2000	E Ink Corporation		
W.C.	B74	PCT WO 00/05312	2/3/00	Cabot		

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Sheet: 18 of 24	Attorney Docket No.	H-412	

NON-PATENT LITERATURE DOCUMENTS			
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W.C.	C1	Amundson, K., et al., "Flexible, Active-Matrix Display Constructed Using a Microencapsulated Electrophoretic Material and an Organic-Semiconductor-Based Backplane", SID 01 Digest, 160 (June 2001)	
	C2	Bach, U., et al., "Nanomaterials-Based Electrochromics for Paper-Quality Displays", Adv. Mater, 14(11), 845 (2002)	
	C3	Ballinger, D.O., "Magnetic recording paper is erasable", Electronics, March 1, 1973, pages 73-76	
	C4	Beers, K. L., et al., "Atom Transfer Radical Polymerization of 2-Hydroxyethyl Methacrylate", Macromolecules, 32, 5772-5776 (1999)	
	C5	Beilin, S., et al, "2000-Character Electrophoretic Display", SID 86 Digest, 136 (1986)	
	C6	Bohnke et al., "Polymer-Based Solid Electrochromic Cell for Matrix-Addressable Display Devices." J. Electrochem. Soc., 138, 3612 (1991)	
	C7	Boston Herald, "E Ink debuts in J.C. Penney Stores", May 3, 1999, page 27	
	C8	Bryce, M.R., "Seeing through synthetic metals", Nature, 335. 12 (1988)	
	C9	Chen, Y., et al., "A Conformable Electronic Ink Display using a Foil-Based a-Si TFT Array", SID 01 Digest, 157 (June 2001)	
✓	C10	Chiang, A., "Conduction Mechanism of Charge Control Agents Used in Electrophoretic Display Devices", Proceeding of the S.I.D., 18, 275 (1977)	

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		Attorney Docket No.	H-412
Sheet: 19	of: 24		

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Examiner Initials*	Cite No. *1	Document Citation	T <sup>2</sup>
L.C.	C11	Chiang, A., et al., "A High Speed Electrophoretic Matrix Display", SID 80 Digest (1980), 114	
	C12	Comiskey, B., et al., "An electrophoretic ink for all-printed reflective electronic displays", Nature, 394, 253 (1998)	
	C13	Comiskey, B., et al., "Electrophoretic Ink: A Printable Display Material", SID 97 Digest (1997), page 75	
	C14	Croucher, M.D., et al., "Electrophoretic Display: Materials as Related to Performance", Photog. Sci. Eng., 25, 80 (1981)	
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	C16	Drzaic, P., et al., "A Printed and Rollable Bistable Electronic Display", SID 98 Digest (1998), page 1131	
	C17	Egashira, N., et al., "Solid electrochromic cell consisting of Lu-diphthalocyanine and lead fluoride", Proceedings of the SID, 28, 227 (1987)	
	C18	Fitzhenry, B., "Identification of a Charging Mechanism using Infrared Spectroscopy", Appl. Spectroscopy, 33, 107 (1979)	
	C19	Fitzhenry, B., "Optical effects of adsorption of dyes on pigment used in electrophoretic image displays", Appl. Optics., 18, 3332 (1979)	
✓	C20	Goodman, L.A., "Passive Liquid Displays: Liquid Crystals, Electrophoretics and Electrochromics, Proceedings of S.I.D., 17, 30 (1976)	

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Sheet: 20	of: 24		

NON-PATENT LITERATURE DOCUMENTS			
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W.C.	C21	Gutcho, M.H., "Microcapsules and Microencapsulation Techniques, Noyes Data Corp., Park Ridge NJ, (1976)	
	C22	Hatano, T., et al., "18:3: Bistable Paper-White Display Device Using Cholesteric Liquid Crystals", SID 96 Digest, 269 (1996)	
	C23	Hou, J., et al., "Active Matrix Electrophoretic Displays Containing Black and White Particles with Opposite Polarities", SID 01 Digest, 164 (June 2001)	
	C24	Jacobson, J., et al., "The last book", IBM Systems J., 36, 457 (1997)	
	C25	Ji, Y., et al., "P-50: Polymer Walls in Higher-Polymer-Content Bistable Reflective Cholesteric Displays", SID 96 Digest, 611 (1996)	
	C26	Jin et al., "Optically Transparent, Electrically Conductive Composite Medium", Science, 255, 446 (1992)	
	C27	Jo, G-R, et al., "Toner Display Based on Particle Movements", Chem. Mater, 14, 664 (2002)	
	C28	Kazlas, P., et al., "12.1" SVGA Microencapsulated Electrophoretic Active Matrix Display for Information Appliances", SID 01 Digest, 152 (June 2001)	
	C29	Kitamura, T., et al., "Electrical toner movement for electronic paper-like display", Asia Display/IDW '01, page 1517, Paper HCS1-1 (2001)	
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Sheet: 21	of: 24		

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W.C.	C31	Lewis et al., "Gravitational, Inter-Particle and Particle-Electrode Forces in the Electrophoretic Display", Proceedings of the SID, 18, 235 (1977)	
	C32	Milner, "Polymer Brushes", Science, 251, 905 (1991)	
	C33	Murau, P., et al., "An Electrophoretic Radiographic Device", SID 79 Digest, (1979) pages46-47.	
	C34	Murau, P., et al., "The understanding and elimination of some suspension instabilities in an electrophoretic display", J. Appl. Phys., 49, 4820 (1978)	
	C35	Negroponte, N., et al., "Surfaces and Displays," Wired, Jan.1997, page 212	
	C36	O'Regan, B. et al., "A Low Cost, High-efficiency Solar Cell Based on Dye-sensitized colloidal TiO2 Films", Nature, Volume 353, October 24, 1991, 773-740	
	C37	Ota, I., et al., "Developments in Electrophoretic Displays", Proceedings of the SID, 18, 243 (1977)	
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	C39	Ota, I., et al., "Electrophoretic Image Display (EPID) Panel", Proceedings of the IEEE, 61, 832 (1973)	
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W.C.	C41	Pansu, B., et al., "Structures of Thin Layers of Hard Spheres: High Pressure Limit," J. Physique, 45, 331 (1984)	
	C42	Pansu, B., et al., "Thin colloidal crystals: a series of structural transitions," J. Physique, 44, 531 (1983)	
	C43	Pearlstein, "Electroless Plating", in Lowenheim (ed.), Modern Electroplating, Wiley, New York (1976), pages 710-747	
	C44	Peiranski, P., et al., "Thin Colloidal Crystals," Phys. Rev. Lett., 50, 900 (1983)	
	C45	Peterson, I., "Rethinking Ink Printing the Pages of an Electronic Book," Science News, 153, 396 (June 20, 1998)	
	C46	Platt, C., "Digital Ink," Wired, May 1997, page 162	
	C47	Saitoh, M., et al., "A newly developed electrical twisting ball display", Proceedings of the SID, 23, 249 (1982)	
	C48	Sankus, "Electrophoretic Display Cell", Xerox Disclosure Journal, 6(3), 309 (1979)	
	C49	Sheridon, N.K., et al., "A Photoconductor-Addressed Electrophoretic Cell for Office Data Display", SID 82 Digest, 94 (1982)	
✓	C50	Shiffman, R.R., et al., "An Electrophoretic Image Display with Internal NMOS Address Logic and Display Drivers," Proceedings of the SID, 1984, vol. 25, 105 (1984)	

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L C	C51	Shiwa, S., et al., "Electrophoretic Display Method Using Ionographic Technology," SID 88 Digest (1988), page 61	
	C52	Singer, B., et al., "An X-Y Addressable Electrophoretic Display," Proceedings of the SID, 18, 255 (1977)	
	C53	Tsubokawa, N., et al., "Polymerization of vinyl monomers in the presence of silica having surface functional groups", Colloid. Polym. Sci., 271, 940 (1993)	
	C54	Van Winkle, D.H., et al., "Layering Transitions in Colloidal Crystals as Observed by Diffraction and Direct-Lattice Imaging", Phys. Rev. A, 34, 562 (1986)	
	C55	Vance, D.W., "Optical Characteristics of Electrophoretic Displays", Proceedings of the SID, 18, 267 (1977)	
	C56	Vandegaer, J.E. (ed.), "Microencapsulation Processes and Applications", pp. v-x, 1-180 (Plenum Press, New York 1974)	
	C57	Vaz, N.A., et al., "Dual-frequency addressing of polymer-dispersed liquid-crystal films", J. Appl. Phys., 65, 5043 (1989)	
	C58	Wang, J.S. et al., "Controlled/Living' Radical Polymerization. Atom Transfer Radical Polymerization in the Presence of Transition-Metal Complexes", J. Am. Chem. Soc., 117, 5614 (1995)	
	C59	Wang, J-S, et al., "Controlled/Living' Radical Polymerization. Halogen Atom Transfer Radical Polymerization Promoted by a Cu(I)/CU(II) Redox Process", Macromolecules 1995, 28, 7901-7910	
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	C62	Yamaguchi, Y., et al., "Toner display using insulative particles charged triboelectrically", Asia Display/IDW '01, page 1729, Paper AMD4-4 (2001)	
	C63	Yang, Y., et al., "A new architecture for polymer transistors", Nature, 372, 344 (1994)	
	C64	Zollinger, "Structures of Simple Di-Triarylmethine Dyes", in Color Chemistry: Syntheses, Properties and Applications of Organic Dyes and Pigments, 2nd Rev. Edition, VCH, Weinheim, p.73 (1991)	
✓	C65	Zurer, P., "Digital Ink Brings Electronic Books Closer," Chemical and Engineering News, July 20, 1998, page 12	

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